## CLAIMS:

- 1. An inflatable catheter (1) with a proximal end (A) and a closed distal end (B) for inserting into a human or animal body cavity, the catheter having at least a longitudinal, inflatable section that is flexible and essentially non-stretchable and which collapses when not inflated.
- A catheter according to claim 1 wherein the inflatable section comprises a material chosen among LDPE, HDPE, PET, polyetan, polyurethane and other materials with similar mechanical properties.
  - 3. A catheter according to claim 1, where the inflatable section comprises a material having a thickness between 10 and 100  $\mu$ m, preferably between 10 and 50  $\mu$ m.

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- 4. A catheter according to any one of claims 1 3, wherein the inflatable section comprises a web of material with opposing edges secured to each other.
- 5. A catheter according to claim 4, wherein the web is of a weldable material, and the opposing edges are secured to each other by welding.
  - 6. A catheter according to claim 5 having two or more lumens separated by welding seams.
- 7. A catheter according to any one of claims 1 6 comprising a tubular member at the proximal end (A).
  - 8. A device for measuring in human or animal body cavities, the device comprising catheter (1) with a proximal end (A) and a closed distal end (B) for inserting into the body cavity, a fluid pump for inflating the catheter and

adapted to provide a fluid pressure to the catheter so as to inflate the catheter, wherein the catheter is in accordance with any one of claims 1 - 7.

9. A device according to claim 7, where the fluid pump is controllable to varythe fluid pressure supplied to the catheter.